VALUE OF C4 ISTAR (1)

Report Documentation Page

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Supplementary Notes
See Also ADM001419 for whole conference on CD-ROM. These papers are from the Harnessing Advanced Technology for C4ISTAR, The Second Annual Advanced Technology Conference, held 25-27 September 2001 at The Great Malvern Theatre Complex., The original document contains color images.

Abstract

Subject Terms

Report Classification	Classification of this page
unclassified	unclassified

Classification of Abstract	Limitation of Abstract
unclassified	UU

Number of Pages
10

VALUE OF C4 ISTAR (2)

Legend:

1. **Baseline + Enhanced ISTAR + Enhanced Communications + Enhanced Weapons**

2. **Fully Enhanced Baseline + Enhanced Red Communications**

3. **Fully Enhanced Baseline + Enhanced Red Weapons**

4. **Fully Enhanced Baseline + Enhanced Red Communications + Enhanced Red Weapons**

Y-axis: **Normalised Casualties**
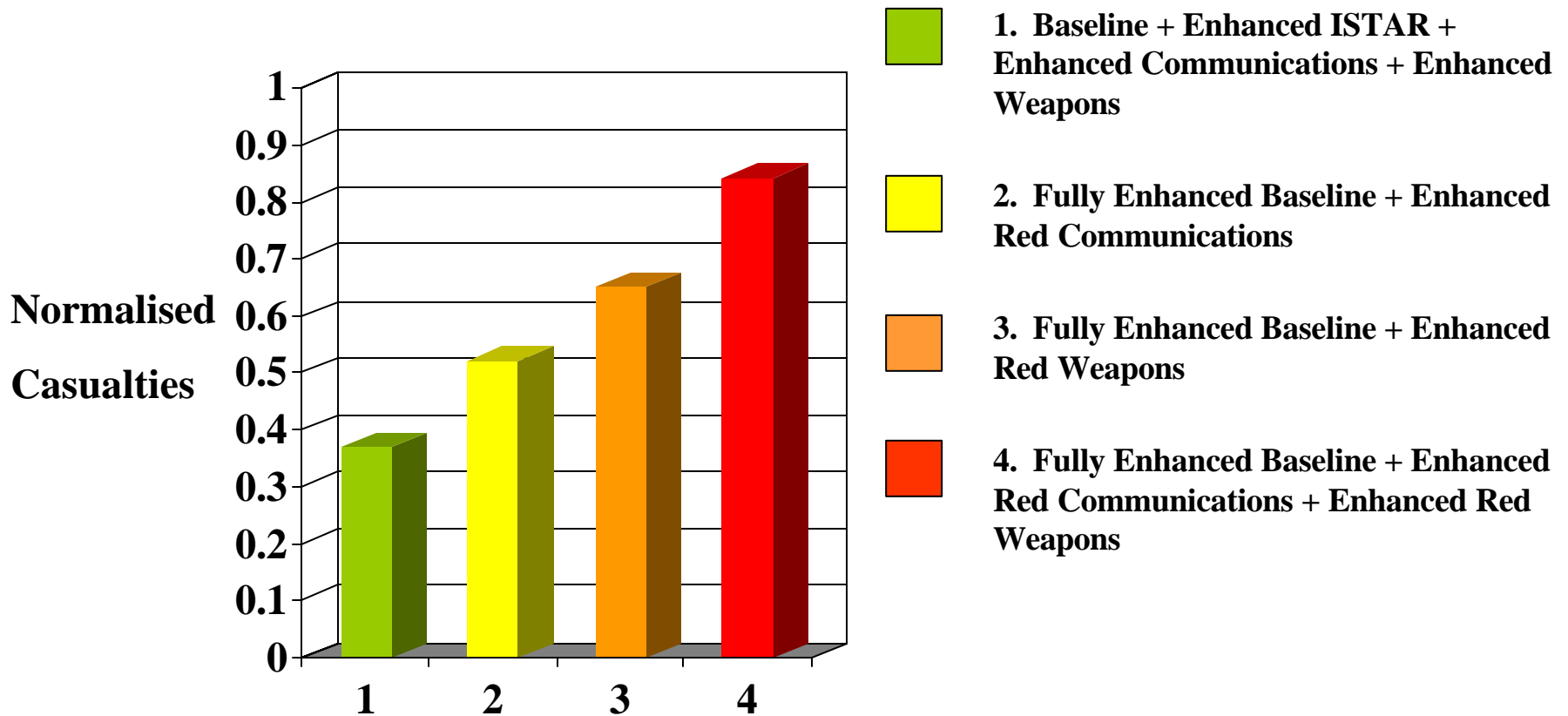
ASTOR - Airborne Stand-off Radar

SAR Spotlights

Continuous MTI

50,000FT

Up to 3 GS locations

SAR Swaths
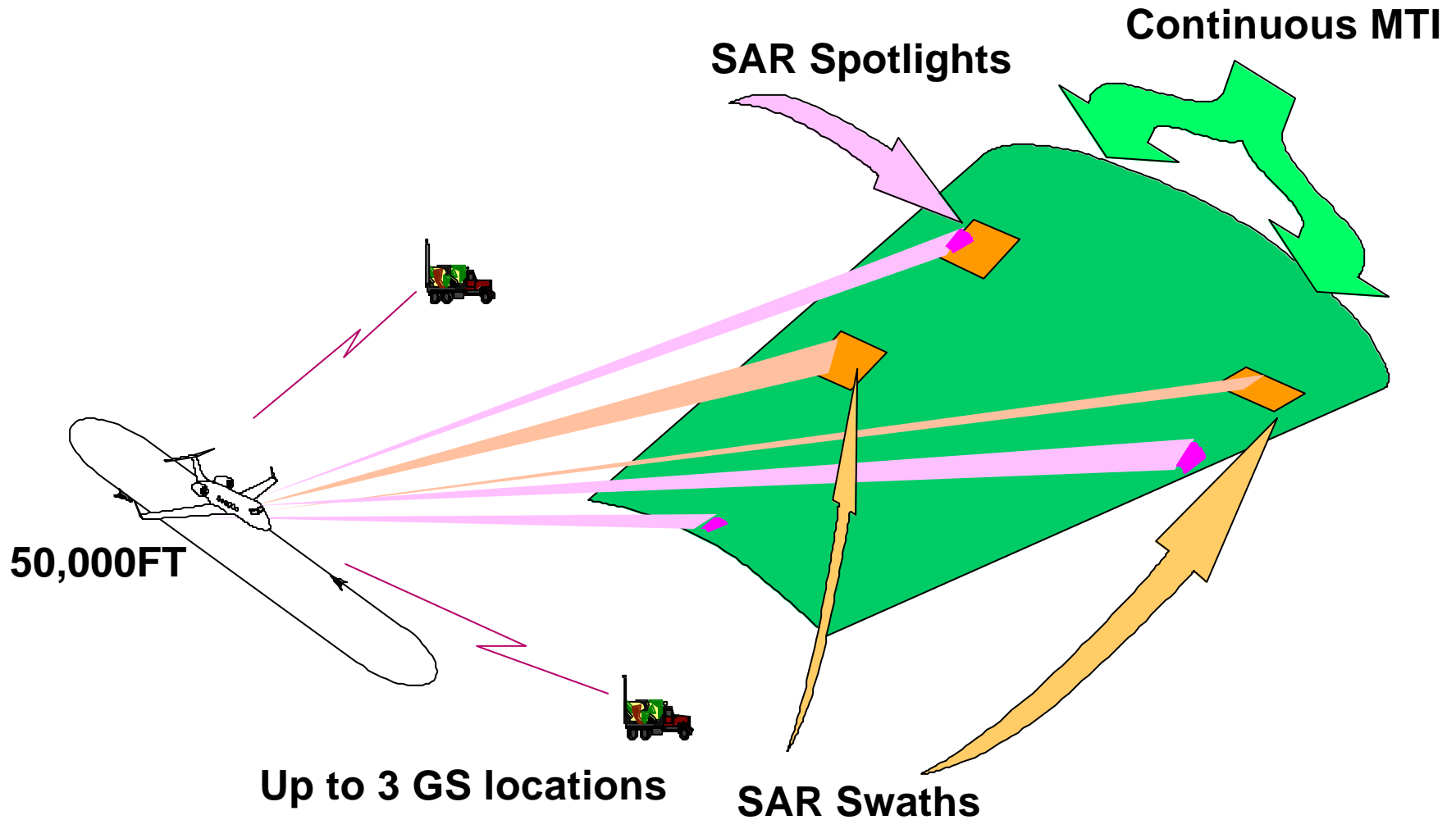
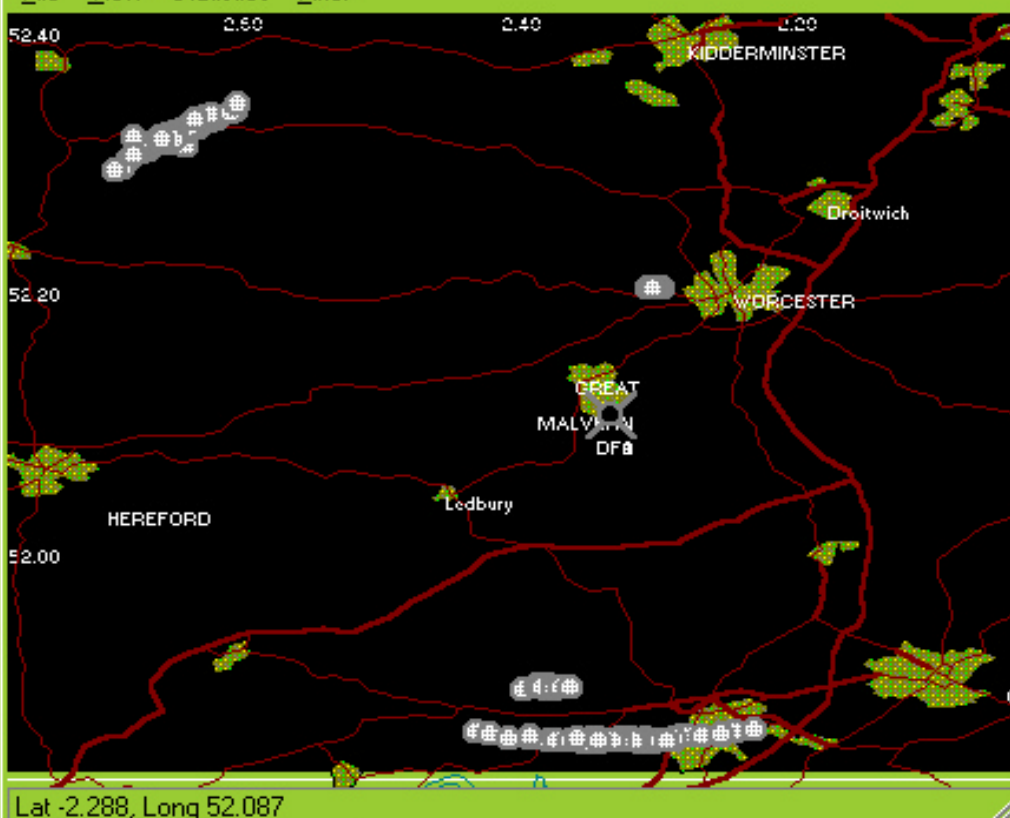# ISTAR Assets
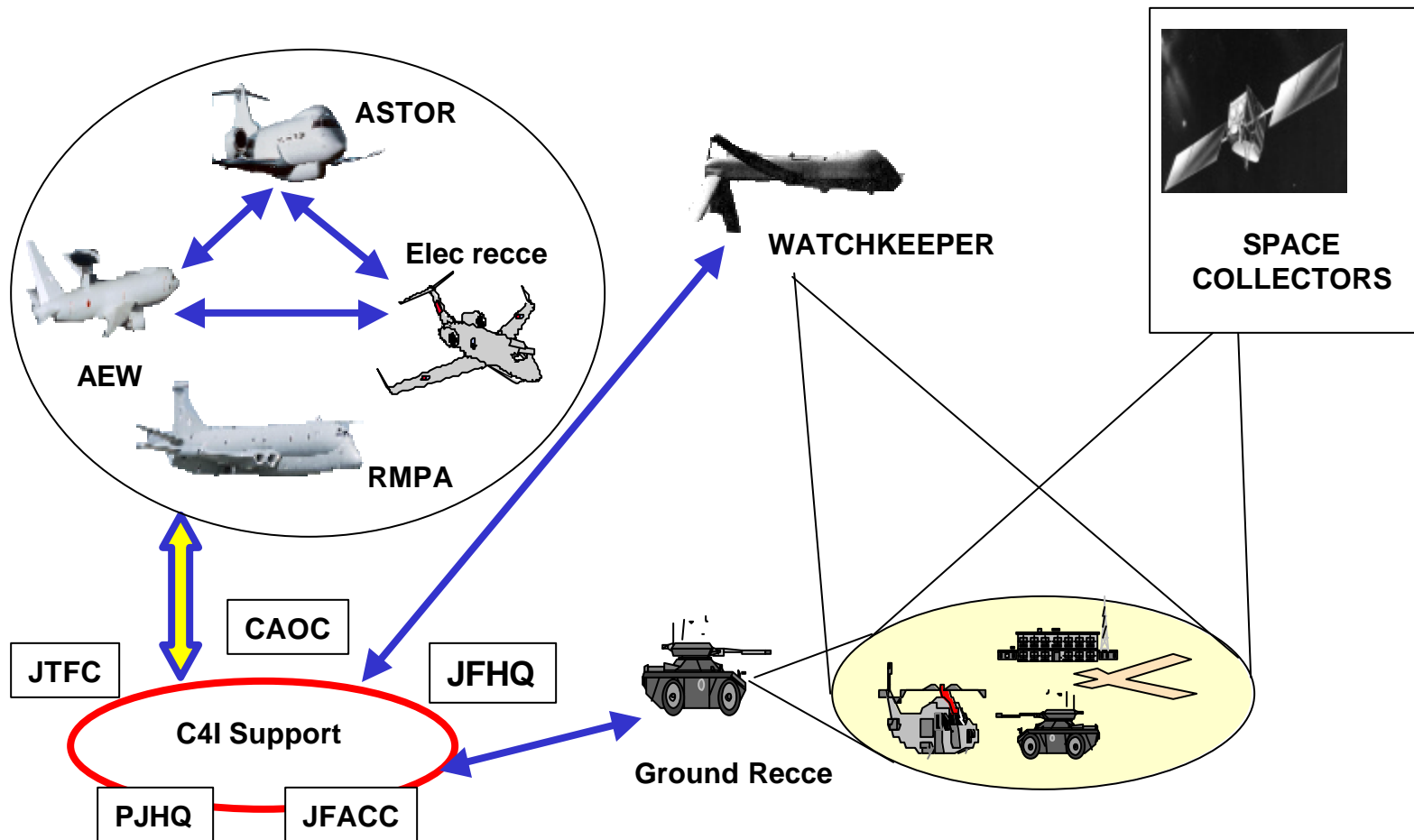
Cueing - Moving Target Indication
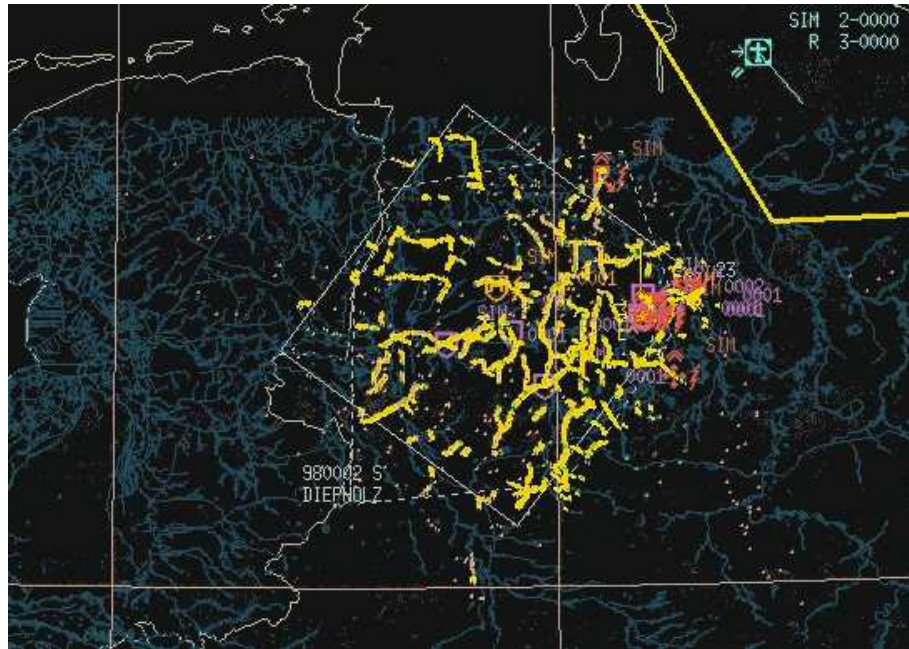
Long term MTI picture showing track build up
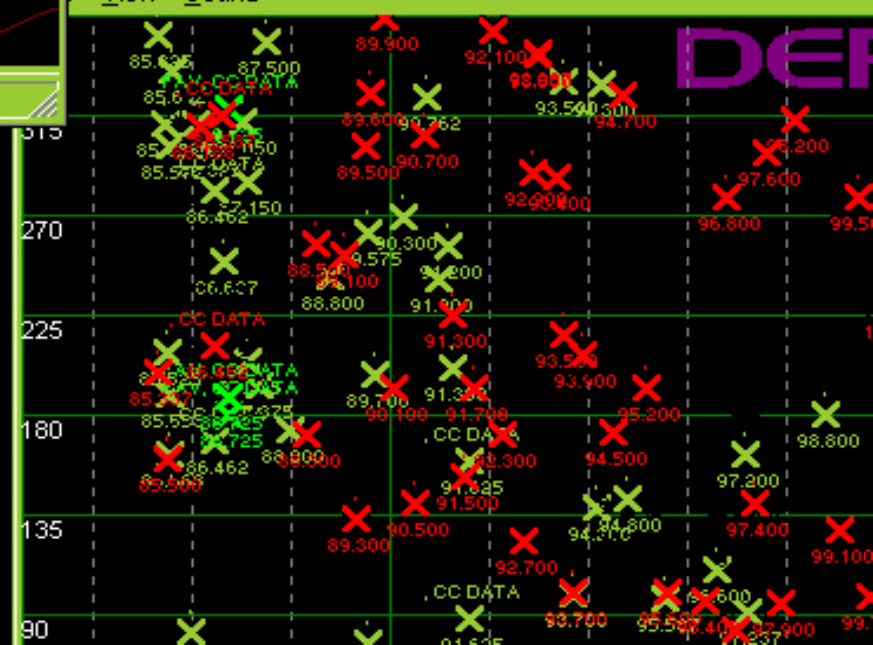
MTI Acting as a motion cue for analysis
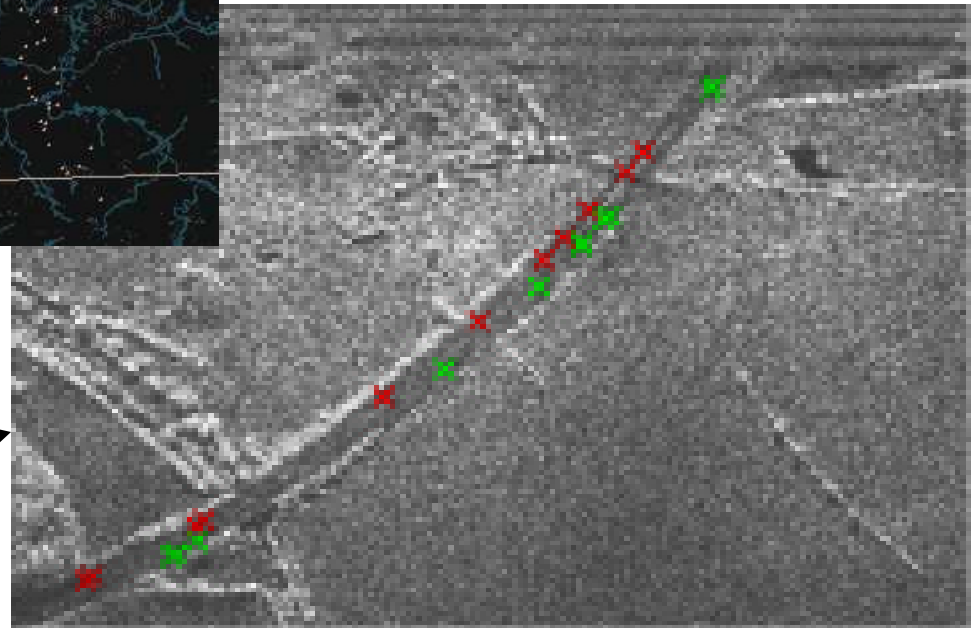
PF History - 1543 TXs in Database, DFMode=0, Main=1
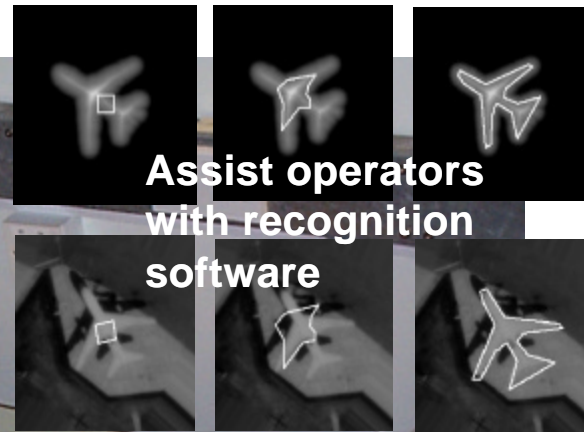
File   View   Statistics   Filter

52.40   2.60   2.40   2.20

KIDDERMINSTER

Droitwich

52.20

WORCESTER

GREAT
MALVERN
DF0

52.00

HEREFORD   Ledbury

Lat -2.288, Long 52.087

Server Address FHECM_VAN (port 1066)

View   Sound

DEP

Aids to the Imagery Analyst

Assist operators with recognition software

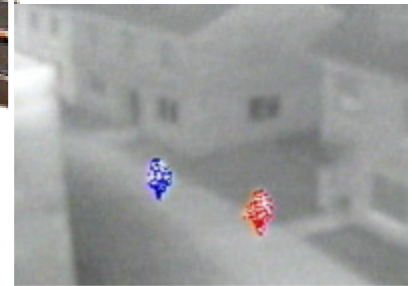**Voice and touch replace keyboard and mouse**

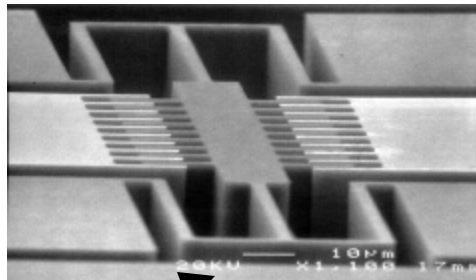# Sensor to Shooter Challenges
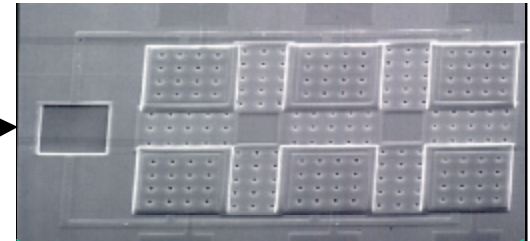
Smart Sensor Web

Real-time Imagery
Micro-Weather
Moving Targets
Integration

Physical Models
Dynamic Data Bases
Micro Sensors
Wireless Communications
Next Generation Internet
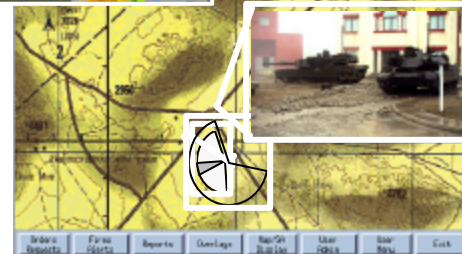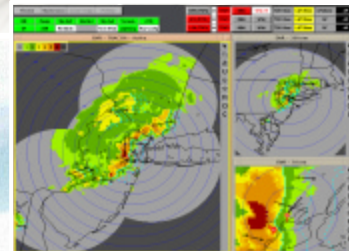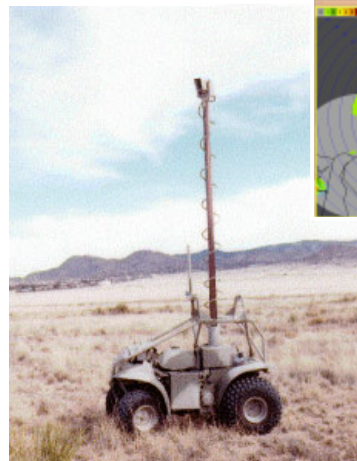
Micro Electro Mechanical Systems

MEMS Acoustic Sensors

MEMS Accelerometer